



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date July 3, 2007

Sherri A. Phillips

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/822,275

Confirmation No. : 2177

Applicant : Jeffery W. Janzen

Filed : April 8, 2004

Attorney Docket No.: 501286.01 (30262/US)

Art Unit : 2188

Customer No. : 27,076

Examiner : Craig E. Walter

Title : SYSTEM AND METHOD FOR OPTIMIZING INTERCONNECTIONS OF  
COMPONENTS IN A MULTICHIP MEMORY MODULE

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

07/10/2007 HASFAW1 00000030 10022275

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100.00 0P

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. A copy of the cited foreign patent and non-patent literature reference, as required under 37 C.F.R. § 1.98(a)(2), is enclosed. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 50-1266. A duplicate copy of this sheet is enclosed.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP



Michael G. Pate  
Registration No. 53,439

MGP:sp

Enclosures:

- Postcard
- Fee Transmittal (+ copy)
- Copy of this Supplemental Information Disclosure Statement
- Form PTO-1449
- Cited References (2)

1420 Fifth Avenue, Suite 3400  
Seattle, WA 98101  
Telephone (206) 903-8800  
Facsimile (206) 903-8820

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FORM PTO-1449  
(REV.7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
501286.01APPLICATION NO.  
10/22,275APPLICANT(S)  
Jeffery W. JanzelFILING DATE  
April 8, 2004GROUP ART UNIT  
2188

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	7,120,723	10/10/06	Jeddeloh	710	311	
AB	7,206,887	04/17/07	Jeddeloh	710	311	
AC	2005/0210185	09/22/05	Renick	711	105	
AD	2005/0216648	09/29/05	Jeddeloh	710	311	
AE	2006/0179208	08/10/06	Jeddeloh	710	311	
AF	2006/0195647	08/31/06	Jeddeloh	711	100	
AG						
AH						
AI						
AJ						
AK						
AL						
AM						
AN						
AO						
AP						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AQ		GB 2,288,066	04/10/95	Hewlett-Packard Company				
AR								

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

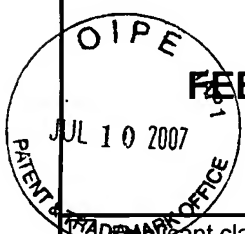
AS	"Neural network controller for minimizing hub shear forces in helicopter" by Omkar et al. (abstract only) Publication Date: 14-17 Sept. 1998.
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EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

IFW



Effective on 12/08/04  <div style="text-align: center;"> <b>FEE TRANSMITTAL SHEET</b>  <b>(FY 2006)</b> </div>		<div style="text-align: center;"> <b>Complete if Known</b> </div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Application No.</td><td>10/822,275</td></tr> <tr><td>Filing Date</td><td>April 8, 2004</td></tr> <tr><td>First Inventor</td><td>Jeffery W. Janzen</td></tr> <tr><td>Group Art Unit</td><td>2188</td></tr> <tr><td>Examiner Name</td><td>Craig E. Walter</td></tr> <tr><td>Atty. Docket Number</td><td>501286.01 (30262/US)</td></tr> </table>		Application No.	10/822,275	Filing Date	April 8, 2004	First Inventor	Jeffery W. Janzen	Group Art Unit	2188	Examiner Name	Craig E. Walter	Atty. Docket Number	501286.01 (30262/US)																																																																																												
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<b>METHOD OF PAYMENT (Check One)</b>  <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. <b>50-1266</b> ; Deposit Account Name: <b>DORSEY &amp; WHITNEY LLP</b> .  <input checked="" type="checkbox"/> Check Enclosed.		<b>FEE CALCULATION (Continued)</b>  <b>3. ADDITIONAL FEES</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr> <tr><td>130</td><td>65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td>\$</td></tr> <tr><td>180</td><td>180</td><td>Submission of IDS</td><td>\$180</td></tr> <tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$</td></tr> <tr><td>120</td><td>60</td><td>Extension for reply within first month</td><td>\$</td></tr> <tr><td>450</td><td>225</td><td>Extension for reply within second month</td><td>\$</td></tr> <tr><td>1,020</td><td>510</td><td>Extension for reply within third month</td><td>\$</td></tr> <tr><td>1,590</td><td>795</td><td>Extension for reply within fourth month</td><td>\$</td></tr> <tr><td>2,160</td><td>1,080</td><td>Extension for reply within fifth month</td><td>\$</td></tr> <tr><td>790</td><td>395</td><td>Submission After Final 1.129</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Notice of Appeal</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Filing a brief in support of an appeal</td><td>\$</td></tr> <tr><td>1,000</td><td>500</td><td>Request for oral hearing</td><td>\$</td></tr> <tr><td>130</td><td>65</td><td>Terminal Disclaimer Fee</td><td>\$</td></tr> <tr><td>800</td><td>400</td><td>Design Issue Fee</td><td>\$</td></tr> <tr><td>790</td><td>395</td><td>Request for Continued Examination (RCE)</td><td>\$</td></tr> <tr><td>130</td><td></td><td>Request for voluntary publication or republication</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Petition to Revive - unavoidable</td><td>\$</td></tr> <tr><td>1,500</td><td>750</td><td>Petition to Revive - unintentional</td><td>\$</td></tr> <tr><td>200</td><td></td><td>Filing for patent term adjustment</td><td>\$</td></tr> <tr><td>400</td><td></td><td>Request for reinstatement of term reduced</td><td>\$</td></tr> <tr><td>1,120</td><td></td><td>Extension of term of patent</td><td>\$</td></tr> <tr><td colspan="3">OTHER FEE (specify)</td><td>\$</td></tr> <tr><td colspan="3" style="text-align: right;"><b>Subtotal (Additional Fees)</b></td><td><b>\$0</b></td></tr> <tr><td colspan="3" style="text-align: right;"><b>Total Amount of Payment:</b></td><td><b>\$180</b></td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet	\$	130	65	Surcharge - Late nonprovisional filing fee or oath	\$	180	180	Submission of IDS	\$180	40	40	Recording each patent assignment per property (times number of properties)	\$	120	60	Extension for reply within first month	\$	450	225	Extension for reply within second month	\$	1,020	510	Extension for reply within third month	\$	1,590	795	Extension for reply within fourth month	\$	2,160	1,080	Extension for reply within fifth month	\$	790	395	Submission After Final 1.129	\$	500	250	Notice of Appeal	\$	500	250	Filing a brief in support of an appeal	\$	1,000	500	Request for oral hearing	\$	130	65	Terminal Disclaimer Fee	\$	800	400	Design Issue Fee	\$	790	395	Request for Continued Examination (RCE)	\$	130		Request for voluntary publication or republication	\$	500	250	Petition to Revive - unavoidable	\$	1,500	750	Petition to Revive - unintentional	\$	200		Filing for patent term adjustment	\$	400		Request for reinstatement of term reduced	\$	1,120		Extension of term of patent	\$	OTHER FEE (specify)			\$	<b>Subtotal (Additional Fees)</b>			<b>\$0</b>	<b>Total Amount of Payment:</b>			<b>\$180</b>
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<b>Petition Fee Under 37 CFR 1.17(f), (g), &amp; (h)</b> Enclosed is a Petition filed under 37 CFR as indicated below: <input type="checkbox"/> Petition Fee under 37 CFR 1.17(f) <span style="float: right;">Fee \$400</span> § 1.53(e) to accord a filing date. § 1.57(a) to accord a filing date. § 1.182 for decision on a question not provided for. § 1.183 to suspend the rules. § 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent. § 1.174(b) to accord a filing date to an application under §1.740 for extension of patent term.  <input type="checkbox"/> Petition Fee under 37 CFR 1.17(g) <span style="float: right;">Fee \$200</span> § 1.12 for access to an assignment record. § 1.14 for access to an application. § 1.47 for filing by other than all inventors or person not the inventor. § 1.59 for expungement of information. § 1.103(a) to suspend action in an application. § 1.136(b) for review of a request for ext. of time when §1.136(a) not avail. § 1.295 for review of refusal to publish a statutory invention registration. § 1.296 to withdraw a req. for pub. after notice of intent to publish issued. § 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent. § 1.550(c) for request for ext. of time in <i>ex parte</i> reexam. proceedings. § 1.956 for request for ext. of time in <i>ex parte</i> reexam. proceedings. § 5.12 for expedited handling of foreign filing license. § 5.15 for changing the scope of a license. § 1.5.25 for retroactive license.  <input type="checkbox"/> Petition Fee under 37 CFR 1.17(h) <span style="float: right;">Fee \$130</span> § 1.19(g) to request documents in a form other than provided in this part. § 1.84 for accepting color drawings or photographs. § 1.91 for entry of a model or exhibit. § 1.102(d) to make an application special. § 1.138(c) to expressly abandon an application to avoid publication. § 1.313 to withdraw an application from issue. § 1.314 to defer issuance of a patent.																																																																																																											
Submitted by:																																																																																																											
CUSTOMER NUMBER	DORSEY & WHITNEY LLP	1420 Fifth Avenue, Suite 3400 Seattle, WA 98101-4010 (206) 903-8800 phone / (206) 903-8820 fax																																																																																																									
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